

# Kinga Ostrowska

## List of Publications by Year in descending order

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28  
papers

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citations

933447

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888059

17  
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times ranked

359  
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#	ARTICLE	IF	CITATIONS
1	Design, Synthesis, and Biological Evaluation of a Series of 5- and 7-Hydroxycoumarin Derivatives as 5-HT1A Serotonin Receptor Antagonists. <i>Pharmaceuticals</i> , 2021, 14, 179.	3.8	2
2	Structural investigation of Cu(II) complexes with dibromo 7-hydroxycoumarin derivatives using methodology based on XAS. <i>Radiation Physics and Chemistry</i> , 2020, 175, 108047.	2.8	1
3	Coumarin-piperazine derivatives as biologically active compounds. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 220-232.	2.7	39
4	6-Acetyl-5-hydroxy-4,7-dimethylcoumarin derivatives: Design, synthesis, modeling studies, 5-HT1A, 5-HT2A and D2 receptors affinity. <i>Bioorganic Chemistry</i> , 2020, 100, 103912.	4.1	8
5	Synthesis and anti-tumour, immunomodulating activity of diosgenin and tigogenin conjugates. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 198, 105573.	2.5	29
6	Evaluation of blood-brain barrier penetration and examination of binding to human serum albumin of 7-O-arylpiperazinylcoumarins as potential antipsychotic agents. <i>Bioorganic Chemistry</i> , 2019, 84, 211-225.	4.1	10
7	Drug likeness prediction of 5-hydroxy-substituted coumarins with high affinity to 5-HT1A and 5-HT2A receptors. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 115, 25-36.	4.0	5
8	5-HT1A and 5-HT2A receptors affinity, docking studies and pharmacological evaluation of a series of 8-acetyl-7-hydroxy-4-methylcoumarin derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 527-535.	3.0	18
9	Solid-state structure by X-ray and <sup>13</sup> C CP/MAS NMR of new 6-acetyl-8-bromo-5-O-alkylamino-4,7-dimethylcoumarins. <i>Structural Chemistry</i> , 2018, 29, 1903-1915.	2.0	1
10	Structural study of Cu(II) complexes with benzo[ b ]furancarboxylic acids. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2017, 411, 116-120.	1.4	0
11	Synthesis, spectroscopic characterization, X-ray study and in vitro cytotoxicity of 5-hydroxycoumarin derivatives and their copper complexes. <i>Journal of Molecular Structure</i> , 2017, 1145, 292-299.	3.6	2
12	Synthesis of a new series of aryl/heteroaryl piperazinyl derivatives of 8-acetyl-7-hydroxy-4-methylcoumarin with low nanomolar 5-HT 1A affinities. <i>European Journal of Medicinal Chemistry</i> , 2017, 137, 108-116.	5.5	15
13	A computational study of structures and catalytic activities of Hoveyda-Grubbs analogues bearing coumarin or isopropoxycoumarin moiety. <i>Catalysis Communications</i> , 2017, 91, 43-47.	3.3	10
14	Anticancer effects of O-aminoalkyl derivatives of alloxanthoxyletin and seselin. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 1412-1424.	5.6	8
15	Development of selective agents targeting serotonin 5HT1A receptors with subnanomolar activities based on a coumarin core. <i>MedChemComm</i> , 2017, 8, 1690-1696.	3.4	8
16	Synthesis and biological screening of a new series of 5-[4-(4-aryl-1-piperazinyl)butoxy]coumarins. <i>Monatshefte für Chemie</i> , 2016, 147, 1615-1627.	1.8	15
17	Structural analogues of Hoveyda's Grubbs catalysts bearing the 1-benzofuran moiety or isopropoxy-1-benzofuran derivatives as olefin metathesis catalysts. <i>RSC Advances</i> , 2016, 6, 21423-21429.	3.6	10
18	Solid state structure by X-ray and <sup>13</sup> C CP/MAS NMR of new 5-[2-(N,N-dimethylamino)ethoxy]-4,7-dimethylcoumarins. <i>Journal of Molecular Structure</i> , 2016, 1112, 25-32.	3.6	4

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19	Microwave-assisted preparation, structural characterization, lipophilicity, and anti-cancer assay of some hydroxycoumarin derivatives. <i>Monatshefte für Chemie</i> , 2015, 146, 89-98.	1.8	9
20	Synthesis, structural studies and biological activity of new Cu(II) complexes with acetyl derivatives of 7-hydroxy-4-methylcoumarin. <i>Journal of Inorganic Biochemistry</i> , 2015, 145, 94-100.	3.5	20
21	Solid state structure of new 5-[2-(N,N-diethylamino)ethoxy]-4,7-dimethylcoumarins by X-ray and <sup>13</sup> C CP/MAS NMR. <i>Journal of Molecular Structure</i> , 2015, 1088, 123-128.	3.6	5
22	Microwave-assisted preparation and antimicrobial activity of O-alkylamino benzofurancarboxylates. <i>Monatshefte für Chemie</i> , 2013, 144, 1679-1689.	1.8	4
23	Synthesis and Antifungal Activity of Derivatives of 2- and 3-Benzofurancarboxylic Acids. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 343, 380-388.	2.5	17
24	Synthesis and structural studies of novel Cu(II) complexes with hydroxy derivatives of benzo[b]furan and coumarin. <i>Polyhedron</i> , 2012, 43, 71-80.	2.2	18
25	Derivatives of benzo[b]furan. Part I. Conformational studies of khellinone and visnaginone. <i>Structural Chemistry</i> , 2012, 23, 1573-1584.	2.0	6
26	Derivatives of benzo[b]furan. Part II. Structural studies of derivatives of 2- and 3-benzo[b]furancarboxylic acids. <i>Structural Chemistry</i> , 2012, 23, 1617-1629.	2.0	9
27	Synthesis of new derivatives of 2,2-dimethyl-2,3-dihydro-7-benzo[b]furanol with potential antimicrobial activity. <i>Medicinal Chemistry Research</i> , 2009, 18, 555-565.	2.4	8
28	Synthesis and structural characterization of derivatives of 2- and 3-benzo[b]furan carboxylic acids with potential cytotoxic activity. <i>Il Farmaco</i> , 2005, 60, 519-527.	0.9	30